

## EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

PUBLICATION NUMBER : 02245058  
PUBLICATION DATE : 28-09-90

APPLICATION DATE : 17-03-89  
APPLICATION NUMBER : 01067322

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INT.CL. : C08L 77/00

TITLE : POLYAMIDE FILM

ABSTRACT : PURPOSE: To prepare a polyamide film excellent in both the transparency and slip properties by forming a compsn., obtd. by adding a specific polyamide and a bismaleimide compd. to a polyamide mainly comprising capramide units into a film by a water-cooled inflation method.

CONSTITUTION: A film is formed by a water-cooled inflation method from a resin compsn. obtd. by compounding 100 pts.wt. polyamide (A) having an m.p. higher than 215°C and mainly comprising capramide units with a polyamide (B) having the repeating units of the formula (wherein n is 9, 10, or 11) and a bismaleimide compd. If necessary, 0.01-0.5 pts.wt. inorg. filler may be added to the resin compsn. As said polyamide A, nylon 6 and nylon 6/66 are listed. Nylon 10 and nylon 11 are the examples of the polyamide B. Talc. kaolin, baked kaolin, and silica are pref. fillers because they are easily dispersed.

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